



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 7124

SERIAL NUMBER 10/803,144	FILING DATE 03/18/2004  RULE	CLASS 360 / 324.12	GROUP ART UNIT 2652	ATTORNEY DOCKET NO. 02230028BB
-----------------------------	---------------------------------------	-----------------------	------------------------	-----------------------------------

## APPLICANTS

Kazuhiko Hayashi, Tokyo, JAPAN;

Junichi Fujikata, Tokyo, JAPAN;

Tsutomu Ishi, Tokyo, JAPAN; Shigeru Mori, Tokyo, JAPAN;

Keishi Ohashi, Tokyo, JAPAN;

Masafumi Nakada, Tokyo, JAPAN;

Kiyokasu Nagahara, Tokyo, JAPAN;

Kunihiko Ishihara, Tokyo, JAPAN;

Nobuyuki Ishiwata, Tokyo, JAPAN;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a DIV of 10/442,209 05/21/2003 PAT 6,747,853  
 which is a DIV of 09/916,529 07/30/2001

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 2000-236287 08/03/2000

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 06/01/2004

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR  COUNTRY JAPAN	SHEETS  DRAWING 51	TOTAL  CLAIMS 49	INDEPENDENT  CLAIMS 6
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials _____				

## ADDRESS

30743

WHITHAM, CURTIS &amp; CHRISTOFFERSON, P.C.

11491 SUNSET HILLS ROAD

SUITE 340

RESTON, VA

20190

## TITLE

Magneto-resistance effect element, magneto-resistance effect head, magneto-resistance transducer system, and magnetic